

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026907.D
 Acq On : 25 Aug 2023 19:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Aug 26 01:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 01:43:45 2023
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	460822	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	453286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	250014	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.369	65	191199	25.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%		
7) Chloroethane-d5		2.893	69	151882	26.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.840%		
11) 1,1-Dichloroethene-d2		4.027	65	94622	25.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.600%		
21) 2-Butanone-d5		7.081	46	129904	59.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.320%		
24) Chloroform-d		7.648	84	455727	29.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.880%		
26) 1,2-Dichloroethane-d4		8.307	65	247803	29.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.120%		
32) Benzene-d6		8.276	84	884571	28.315	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.280%		
36) 1,2-Dichloropropane-d6		9.276	67	285357	29.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 117.280%		
41) Toluene-d8		10.319	98	754747	28.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.560%		
43) trans-1,3-Dichloroprop...		10.575	79	108240	26.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.760%		
47) 2-Hexanone-d5		10.922	63	66790	65.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.640%		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	226898	29.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.120%		
66) 1,2-Dichlorobenzene-d4		13.848	152	248145	27.730	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.920%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.015	85	144904	23.128	ug/L	# 84
3) Chloromethane		2.229	50	229883	26.833	ug/L	100
5) Vinyl chloride		2.375	62	224428	27.402	ug/L	97
6) Bromomethane		2.783	94	121863	25.539	ug/L	97
8) Chloroethane		2.936	64	131566	26.810	ug/L	97
9) Trichlorofluoromethane		3.265	101	178692	26.586	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.070	101	200922	27.674	ug/L	91
12) 1,1-Dichloroethene		4.051	96	182319	26.767	ug/L	92
13) Acetone		4.125	43	97548	45.059	ug/L	98
14) Carbon disulfide		4.393	76	544015	22.201	ug/L	99
15) Methyl Acetate		4.673	43	120948	27.890	ug/L	98
16) Methylene chloride		4.923	84	264056	29.622	ug/L	93
17) trans-1,2-Dichloroethene		5.423	96	204521	26.908	ug/L	97
18) Methyl tert-butyl Ether		5.429	73	355581	30.919	ug/L	99
19) 1,1-Dichloroethane		6.216	63	460132	29.414	ug/L	100
20) cis-1,2-Dichloroethene		7.167	96	234031	28.646	ug/L	94
22) 2-Butanone		7.173	43	161445	50.603	ug/L	100
23) Bromochloromethane		7.514	128	95656	27.105	ug/L	92
25) Chloroform		7.673	83	430930	28.514	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	301789	28.624	ug/L	98
29) Cyclohexane	7.953	56	388410	27.708	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	328555	27.773	ug/L	100
31) Carbon tetrachloride	8.069	117	292145	27.009	ug/L	94
33) Benzene	8.325	78	944335	28.608	ug/L	100
34) Trichloroethene	9.093	95	235086	27.963	ug/L	98
35) Methylcyclohexane	9.337	83	391226	27.202	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264380	29.240	ug/L	100
38) Bromodichloromethane	9.642	83	304515	28.710	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	382109	29.377	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	350194	59.544	ug/L	99
42) Toluene	10.386	91	969271	29.027	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	325947	29.114	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	173815	28.109	ug/L	99
46) Tetrachloroethene	10.861	164	163589	26.784	ug/L	91
48) 2-Hexanone	10.965	43	240792	60.169	ug/L	99
49) Dibromochloromethane	11.129	129	183468	28.368	ug/L	93
50) 1,2-Dibromoethane	11.233	107	157129	27.081	ug/L	98
51) Chlorobenzene	11.660	112	603252	28.600	ug/L	96
52) Ethylbenzene	11.727	91	1113914	29.747	ug/L	100
53) m,p-Xylene	11.837	106	397521	28.655	ug/L	95
54) o-Xylene	12.160	106	387279	29.912	ug/L	93
55) Styrene	12.178	104	682399	30.313	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	219540	28.034	ug/L	98
59) Bromoform	12.349	173	101997	26.043	ug/L	99
60) Isopropylbenzene	12.458	105	1091374	29.361	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	160016	26.385	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	881876	30.016	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	884014	30.705	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	444201	27.478	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	454957	26.968	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	397672	27.052	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	35467	24.259	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	306309	28.046	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	265101	28.629	ug/L	98
71) Naphthalene	15.360	128	511140	28.938	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	227168	27.199	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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